

IN THE SPECIFICATION:

Please replace the paragraph spanning pages 2-3 of the specification with the following:

-- Bar code reading type data input systems improve the efficiency and accuracy of data input for a wide variety of applications. The ease of data input in such systems facilitates more frequent and detailed data input, for example, to provide efficient inventories, tracking of work in progress, etc. To achieve these advantages, however, users or employees must be willing to consistently use the bar code readers. Many applications require the operator to carry the bar code reader about as the operator moves from place to place and to operate the reader manually to scan codes appearing on different objects. The readers therefore must be easy and convenient to operate and carry.--

IN THE CLAIMS:

Please Amend the claims as shown below. A markup version showing the changes made is attached hereto.

1. (As Amended) A portable data collection device comprising:

a display;

a manual data entry circuitry;

a processor for receiving entered data and for controlling the display;

a first wireless communication circuit for receiving data using a first protocol over short

range from at least one data transmitting unit; and

a second wireless communication circuit using a second protocol for transmitting and receiving data over a long range from a host;

wherein the processor is receptive of identification data relating to the at least one data transmitting unit for field associating at least one data transmitting unit with the portable data collection device, the at least one data transmitting unit is a bar code reader and wherein the identification data comprises information on a bar code associated with the portable data collection device and a unique identification of the at least one data transmitting unit.

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Cont.
a 3
3. (As Amended) The device according to claim 1, wherein the bar code is affixed to the portable data collection device.

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16. (As Amended) A data collection system comprising:
at least one data transmitting unit for scanning bar codes and for producing a decode signal representative of a scanned bar code and having communication circuitry for the wireless transmission of the decode signal over a short range using a first protocol; and
a portable data collection device comprising a display, manual data entry circuitry, a processor for receiving entered data and for controlling the display, a first communication circuit for receiving data from the at least one data transmitting unit using the first protocol over a short range and a second communication circuit using a second protocol for wireless transmitting and receiving of data over a long range from a host;
the processor being configured to controls the display to depict a keypad array of discrete keypad areas, each representing at least one of alphanumerics and icons on the display and corresponding to data to be entered by actuating same and wherein the processor reconfigures the array of alphanumerics and icons for different operations, the depicted keypad array including at least one start scan key to initiate scanning on the at least one data transmitting unit, the

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processor reconfiguring a position of the start scan key on the display to depict a start scan key for a right handed user and for a left handed user.

A 5 22. (As Amended) The data collection system according to claim 16, wherein the portable data collection device has a cradle for docking at least one data transmitting unit.

A 6 26. (As Amended) A data collection system comprising:
at least one data transmitting unit for scanning bar codes and for producing a decode signal representative of a scanned bar code and having communication circuitry for the wireless transmission of the decode signal over a short range using a first protocol; and
a portable data collection device comprising a display, manual data entry circuitry, a processor for receiving entered data and for controlling the display, a first communication circuit for receiving data from the at least one data transmitting unit using the first protocol over a short range and a second communication circuit using a second protocol for wireless transmitting and receiving of data over a long range from a host;
wherein the at least one data transmitting unit is associated with the portable data collection device and wherein the device communicates with each unit to agree to transmit at given time intervals.

27. (As Amended) A data collection system comprising:
at least one data transmitting unit for scanning bar codes and for producing a decode signal representative of a scanned bar code and having communication circuitry for the wireless transmission of the decode signal over a short range using a first protocol; and

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cont.

a portable data collection device comprising a display, manual data entry circuitry, a processor for receiving entered data and for controlling the display, a first communication circuit for receiving data from the at least one data transmitting unit using the first protocol over a short range and a second communication circuit using a second protocol for wireless transmitting and receiving of data over a long range from a host;

wherein the at least one data transmitting unit is associated with the portable data collection device and wherein the device communicates with each unit to detect the remaining available power in each unit to indicate power status to the user.

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Please cancel claims 2, 7-15, 21, 23-24, 28, and 30.

Please add the following new claims:

--31. The system of claim 1, wherein the first protocol is Bluetooth.--

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--32. The system of claim 26, wherein at least one data transmitting unit is configured

to enter a low power mode when outside an associated transmit time interval.--

--33. The system of claim 26, wherein the first protocol is Bluetooth.--
